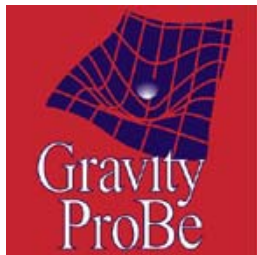


Final prelaunch installations on Gravity Probe B



Keep up with ISS crew activities online



▲ **ELV Update:** Gravity Probe B is in NASA spacecraft processing facility 1610 on North Vandenberg Air Force Base. Solar array installation began on Tuesday. There are four arrays to be installed and tested. Two of the four arrays are now installed, and

installation of the third solar array is in progress. Installing each array is a 3-day process and includes a functional deployment test. Solar array installation activities are targeted for completion by Nov. 7. The Delta II payload adapter will be delivered to the spacecraft processing facility on Nov. 10. Launch remains scheduled for Dec. 6 at 8:52 p.m. EST.

▲ **ISS Update:** In their first week on the International Space Station, Expedition 8 Commander-NASA ISS Science Officer Michael Foale and Flight Engineer Alexander Kaleri focused on science activities, Station maintenance, exercise and more familiarization with their new home. Kaleri set up, worked with and then stowed the Russian PILOT experiment, which looks at psychological and physiological changes in crew performance during long-duration spaceflight. The subject uses two hand controllers to make inputs for the experiment. Foale did inspections of the emergency lighting power supply in the U.S. laboratory Destiny and the Unity Node modules of the Station. Information on the crew's activities aboard the Space Station, and instructions on how to view the Space Station from anywhere on Earth, is available at <http://spaceflight.nasa.gov>. Details on Space Station science operations can be found on an Internet site administered by the Payload Operations Center at NASA's Marshall Space Flight Center in Huntsville, Ala., at <http://scipoc.msfc.nasa.gov/>.

◆ **Education Opportunity – University of Miami:** The University of Miami is accepting applications for the Master of Science in Management of Technology (MSMOT) starting in the spring 2004 semester (January 2004). Courses are held Friday evenings and Saturdays to accommodate working professionals. For more information and to receive an application/brochure, please call Augusto Roca, program administrator, at 1-305-284-4100 or send e-mail to augusto@miami.edu.

Barry University: Barry University will begin registration for the Spring 2004 semester starting Nov. 17. Programs offered through the School of Adult and Continuing Education include bachelor's degrees in information technology, professional administration, public administration, human resources and psychology. Barry has four convenient locations in Brevard and Orlando offering an accelerated program of five terms per year with classes scheduled evenings and weekends. In addition, Barry's School of Education is currently accepting applications for its Ed.D. and Ph.D. cohort programs in educational leadership, human resource development and counseling to be offered in the Brevard County area. For more information on-line, please visit the Barry web site at www.barry.edu. For bachelor's degrees in Brevard, call 321-453-6253 or e-mail lgrant@mail.barry.edu; in Orlando, call 407-673-8400 or e-mail jkreps@mail.barry.edu. For information on doctoral programs, call 407-275-2000 ext. 295, or e-mail jhutchison@mail.barry.edu.

◆ **Did You Know?** On Saturday, Nov. 8, the full moon will glide through our planet's shadow and turn a delightful shade of sunset-red. Read the full story at http://science.nasa.gov/headlines/y2003/04nov_lunareclipse2.htm